

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Thomas H. Baum, et al.  
Title: "COMPOSITION AND METHOD FOR  
FORMING DOPED A-SITE DEFICIENT THIN-  
FILM MANGANATE LAYERS ON A  
SUBSTRATE"  
Application No.: New Divisional of Prior Copending U.S. Patent  
Application No. 08/825,480  
Prior Application Filing Date: March 28, 1997  
Prior Application Group Art Unit: 1775  
Prior Application Examiner: S. Stein

EXPRESS MAIL CERTIFICATE

It hereby is certified by the person identified below that the attached documents are being mailed by such person to the Commissioner of Patents and Trademarks on the date specified, in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, DC 20231, and Express Mailed under the provisions of 37CFR 1.10.

Lee Ann DiLello

Name of Person Mailing This Paper

Lee Ann DiLello  
Signature

July 20, 2000

Date of Mailing

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**FILING OF NEW DIVISIONAL UNITED STATES PATENT APPLICATION  
UNDER 37 CFR § 1.53(b) BASED ON AND CLAIMING PRIORITY OF  
U.S. APPLICATION NO. 08/825,480 FILED MARCH 28, 1997**

Assistant Commissioner for Patents  
Box: Patent Application  
Washington, DC 20231

Sir:

07-21-00

A

07/20/00  
JC853 U.S. PTO

JC877 U.S. PTO  
09/620162  
07/28/00

This is a request for filing a ☐ Continuation ☒ Divisional application under 37 CFR § 1.53(b), of pending prior Application No. 08/825,480, filed on March 28, 1997 entitled "COMPOSITION AND METHOD FOR FORMING DOPED A-SITE DEFICIENT THIN-FILM MANGANATE LAYERS ON A SUBSTRATE".

- ☒ Enclosed is a copy of the latest inventor-signed prior application, including a copy of the oath or declaration showing the original signature or an indication it was signed. I hereby verify that the papers are a true and exact copy of the latest signed prior application number 08/825,480 filed March 28, 1997, and further that all statements made herein of my own knowledge are true; and further that these statements were made with the knowledge that willful false statements and the like are made punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing therefrom.

The filing fee is calculated below:

CLAIMS AS FILED IN THE APPLICATION, LESS  
ANY CLAIMS CANCELED BY AMENDMENT BELOW:

Basic Fee =						\$690 (*\$345)
Total Claims:	<u>22</u>	-	<u>20</u>	=	<u>2</u>	x \$18 (*\$9) = \$ <u>36</u>
Independent Claims:	<u>1</u>	-	<u>3</u>	=	<u>0</u>	x \$78 (*\$39) = \$ <u>0</u>
Total Filing Fee:						\$ <u>726</u>

[\*Charges for Small Entity]

- ☐ A statement to establish small entity status under 37 CFR § 1.9 and § 1.27 was filed in prior application number 08/825,480 and such status is still proper and desired (37 CFR § 1.28(a)).
- ☒ The Commissioner is hereby authorized to charge any fees which may be required under 37 CFR § 1.16 and § 1.17, or credit any overpayment, to Deposit Account No. 50-0860. A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$ 726.00 is enclosed.
- ☒ Cancel in this application original claims 23-26 of the prior application before calculating the filing fee. (At least one independent claim is retained for filing purposes.)
- ☒ The inventor(s) of the invention being claimed in this application is (are):

09/20/00  
JC853 U.S. PTO

**Thomas H. Baum, Galina Doubinina, Daniel Studebaker**

7. ☐ This application is being filed by less than all the inventors named in the prior application. In accordance with 37 CFR 1.53(b)(1), the Commissioner is requested to delete the name(s) of the following person or persons who are not inventors of the invention being claimed in this application:
8. ☒ Amend the specification by inserting before the first line the sentence:  
"This is a ☐ continuation ☒ division of U.S. Application No. 08/825,480."
9. ☐ New formal drawings are enclosed: (Figures \_\_\_\_\_).
10. ☐ Priority of foreign application(s) No. \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 U.S.C. § 119.
- ☐ The certified copy was filed in prior Application No. \_\_\_\_\_ on \_\_\_\_\_.
- ☐ A certified copy of the above corresponding foreign application is filed herewith.
11. ☐ A preliminary amendment is enclosed.
12. ☒ The prior application is assigned of record to Advanced Technology Materials, Inc. recorded at Reel 010211, Frame 0034.
13. ☒ An Information Disclosure Statement is enclosed.
14. ☒ The power of attorney in the prior application is to Oliver A. Zitzmann, Reg. No. 38,691; Steven J. Hultquist, Reg. No. 28,021; William A. Barrett, Reg. No. 42,296; Edward H. Green, III, Reg. No. 42,604.
- ☒ a. The power appears in the original papers in the prior application.
- ☐ b. Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- ☒ c. Address all future communications to:
- Oliver A. Zitzmann  
Advanced Technology Materials, Inc.  
7 Commerce Drive  
Danbury, Connecticut 06810  
Telephone: (203) 794-1100  
FAX: (203) 797-2544

Margaret Chappuis  
Margaret Chappuis  
Agent for Applicant  
Registration No. 45,735

## DEPOSIT ACCOUNT USE AUTHORIZATION

**Please grant any extension necessary for  
entry; Charge any fee due to our  
Deposit Account No. 50-0860**

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